

04CO

02-14-01

OIPE

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**BEST AVAILABLE COPY**

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/768,012

DATE: 02/05/2001  
 TIME: 13:30:55

Input Set : A:\Seqlist.txt  
 Output Set: N:\CRF3\02052001\I768012.raw

```

4. <110> APPLICANT: Davis, Heather L.
5.   McCluskie, Michael J.
7. <120> TITLE OF INVENTION: Immunostimulatory Nucleic Acids for
8.   Inducing a Th2 Immune Response
11. <130> FILE REFERENCE: C1040/7010/HCL/MAT
C--> 13. <140> CURRENT APPLICATION NUMBER: US/09/768,012
C--> 13. <141> CURRENT FILING DATE: 2001-01-22
13. <150> PRIOR APPLICATION NUMBER: US 60/177,461
14. <151> PRIOR FILING DATE: 2000-01-20
16. <160> NUMBER OF SEQ ID NOS: 4
18. <170> SOFTWARE: FastSEQ for Windows Version 3.0
20. <210> SEQ ID NO: 1
21. <211> LENGTH: 20
22. <212> TYPE: DNA
23. <213> ORGANISM: Artificial Sequence
25. <220> FEATURE:
26. <223> OTHER INFORMATION: Synthetic Sequence
28. <400> SEQUENCE: 1
29. tccaggactt ctctcagggtt
31. <210> SEQ ID NO: 2
32. <211> LENGTH: 20
33. <212> TYPE: DNA
34. <213> ORGANISM: Artificial Sequence
36. <220> FEATURE:
37. <223> OTHER INFORMATION: Synthetic Sequence
39. <400> SEQUENCE: 2
40. tccatgagct tcctgagctt
42. <210> SEQ ID NO: 3
43. <211> LENGTH: 20
44. <212> TYPE: DNA
45. <213> ORGANISM: Artificial Sequence
47. <220> FEATURE:
48. <223> OTHER INFORMATION: Synthetic Sequence
50. <221> NAME/KEY: modified_base
51. <222> LOCATION: (8)...(8)
52. <223> OTHER INFORMATION: Cytosine is unmethylated.
54. <221> NAME/KEY: modified_base
55. <222> LOCATION: (17)...(17)
56. <223> OTHER INFORMATION: Cytosine is unmethylated.
58. <400> SEQUENCE: 3
59. tccatgacgt tcctgacgtt
61. <210> SEQ ID NO: 4
62. <211> LENGTH: 24
63. <212> TYPE: DNA
64. <213> ORGANISM: Artificial Sequence
66. <220> FEATURE:
67. <223> OTHER INFORMATION: Synthetic Sequence

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**ENTERED**

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/768,012

DATE: 02/05/2001  
TIME: 13:30:55

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\02052001\I768012.raw

69 <221> NAME/KEY: modified\_base  
70 <222> LOCATION: (2)...(2)  
71 <223> OTHER INFORMATION: Cytosine is unmethylated.  
73 <221> NAME/KEY: modified\_base  
74 <222> LOCATION: (5)...(5)  
75 <223> OTHER INFORMATION: Cytosine is unmethylated.  
77 <221> NAME/KEY: modified\_base  
78 <222> LOCATION: (13)...(13)  
79 <223> OTHER INFORMATION: Cytosine is unmethylated.  
81 <221> NAME/KEY: modified\_base  
82 <222> LOCATION: (21)...(21)  
83 <223> OTHER INFORMATION: Cytosine is unmethylated.  
85 <400> SEQUENCE: 4  
86 tcgtcgttt gtcgtttgt cgtt

24

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/768,012

DATE: 02/05/2001  
TIME: 13:30:56

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\02052001\I768012.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date